LOREX

L19WD Series

Quick Setup Guide

PACKAGE CONTENTS:

- 19" Widescreen LCD DVR
- HDD Pre-Installed*
- Mouse
- Remote Control
- Power Supply
- Cameras & stands*
- 60 ft. camera extension cables*
- Ethernet cable
- Software application CD
- Quick Start Guide

* Screen size, number of cameras, accessories and hard drive capacity may vary by model. Check your package for specific content information.

ATTENTION:

- Broadband Router and Computer are required for local and remote monitoring (not included).
- Lorex Client software is compatible with Windows XP™ and Vista™ operating systems.
- For detailed setup and software information, please refer to your printed User's manual (included).
- User Manual's in additional languages, consumer guides and storage calculator are included on your CD.

It's all on the Web

For detailed setup information, please refer to your included User's Manual. For additional information, please visit our website **www.lorexcctv.com**

Email Support: support@lorexcorp.com
Toll Free Technical Support:
North America: **1-888-42 LOREX (1-888-425-6739)**
Mexico: **1-800-514-6739**
Toll Free Technical Support - International (outside of North America): **+800-425-6739-0**
(Example: From the UK, dial 00 instead of +)
Lorex International Website - www.lorexcctv.com

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SETUP YOUR MONITOR FIRST

STEP 1

BASIC INSTALLATION GUIDE
Time: 20 Minutes | Hand Tools | Skills - Easy

1 Connect DIN Cameras to the Monitor:

* Connect cameras to extension cables by aligning the arrows.

NOTE: The arrow mark on top of the flat side of the camera and cable connectors should face UP while inserting to the Monitor.

TIP: Test the cameras prior to selecting a permanent mounting location by temporarily connecting the Cameras and Cables to your System.

Connect the first camera to the CH1 input. Follow the same steps to connect the additional cameras.

NOTE: You cannot connect BNC and DIN cameras to the same channel simultaneously.

OPTIONAL

1a Connect BNC Cameras to the Monitor:

Male Power Connector - The male power connector end of the Extension cable connects to the Camera.

Female Power Connector - The female power connector (barrel) end of the Extension cable connects to the Power Adaptor.

ATTENTION: The ends of the extension cable are NOT the same - one end has a Male power connector, and the other has a Female power connector. Before permanently running the Camera Extension Cable, make sure that the cable has been oriented between the Camera and the unit correctly.

If You are using BNC cameras:

1. Connect the extension cable to the Camera.
   a. Connect the Male Power connector to the Camera.
   b. Connect the BNC connector to the Camera.
2. Connect the extension cable to the system.
   a. Connect the BNC connector to an available BNC port on the system.
   b. Connect the Female Barrel Power connector to a power adaptor.
3. Connect the Power Adaptor to a wall outlet.

SETUP YOUR MONITOR FIRST

STEP 1 CONTINUED

BASIC INSTALLATION GUIDE
Time: 20 Minutes | Hand Tools | Skills - Easy

2 Connect the Ethernet Cable:

Connect one end of the Ethernet cable (for remote monitoring) to one of the router's (not included) LAN ports and the other end to Monitor's Network Port located at the back of the Monitor.

3 Connect the Mouse:

Connect the included mouse to the PS/2 port located at the back panel of the system.

4 Connect the Power Cable:

Connect one end of the power adaptor to the monitor and the other end to an electrical outlet.
Note: The system automatically powers on once connected to a power source. By default, all connected cameras are set to record in Continuous Mode when the system is first powered on.

5 Login to the System:

To enter the system menu, you will need to login to the system.
Leave the default user as **ADMIN**.
Leave the password field blank and click **OK**.

6 Setting the Date and Time:

Using the Mouse, move the cursor toward the bottom of the screen to open the Function Bar.

1. Click on the Settings icon to enter the system Main Menu. You will be prompted to enter the User Name and Password.
2. From the System Main Menu, click
3. From the Configuration menu click **DATE/TIME**.
4. Click +/- to change the **DISPLAY FORMAT, TIME ZONE** and **Date** and **Time** for the system. Check the **DST** box to enable Daylight Savings Time.
5. Click **OK** to save your settings or click **DEFAULT** to restore factory defaults.
6. Click to exit.

Congratulations!

You have completed Step 1 successfully. You can now view, record and playback images on your system.

NAVIGATION AND CONTROLS

STEP 2

BASIC INSTALLATION GUIDE
Time: 20 Minutes | Skills - Easy

1 Mouse:

This system has been designed to use a PS/2 mouse control as its primary methods of navigation and configuration.

Connect the included mouse to the PS/2 port located on the rear panel before powering on the system.

Once the unit has loaded, the mouse will be recognized by the system.

RECOMMENDED FOR EASY USE AND NAVIGATION

LEFT CLICK:
- Select options and change values in menus, Recording mode, and Search mode
- Operate controls in PTZ mode

DOUBLE-CLICK:
- Double-click on a channel in Quad or split-screen view to view the channel in full-screen.

RIGHT CLICK:
- Switch between active camera channels in full-screen mode, or switch between groups of channels in Quad or split-screen views

SCROLL:
- To change values in menus

2 Using the Navigation Icons:

Use the Navigation Icons when navigating the system menus.
- HOME Click the Home Icon while in any menu to return to the System Main Menu.
- BACK Click the Back Icon to return to the previous menu.
- EXIT Click the Exit Icon to exit menus.

3 Remote Control:

The Remote Control can also be used as a primary mode of navigation and configuration.

RECOMMENDED FOR USE FROM A DISTANCE

4 Using the Navigation Buttons:

When using the remote control, the Navigation Buttons are the primary way to move through the system menus.

SET-UP LOCAL VIEWING ON YOUR PC

STEP 3

LOCAL VIEWING INSTALLATION GUIDE
Time: 30 Minutes | Hardware PC/Router | Skills - Intermediate

THIS STEP RELATES TO REMOTE VIEWING OVER THE LAN (LOCAL AREA NETWORK) BY USING A PC LOCATED ON THE SAME NETWORK AS THAT OF THE SYSTEM.

***Your system MUST be connected to a Router prior to powering it ON.**

1 Retrieve System Information:

Press the Enter button on the monitor Front Panel **OR**

1. Move the mouse cursor toward the bottom of the screen to open the Function Bar and click .
2. From the System Main Menu, click Configuration and click System Information.

NOTE: The system will lease networking information from your Router. If you wish to set your information manually, then remove the ☑ from DHCP option. Please consult your Hardware Manual for further Menu options.

Record the IP and MAC Addresses in the section below:

IP ADDRESS : ___ . ___ . ___ . ___

MAC ADDRESS : ___ : ___ : ___ : ___ : ___ : ___
(Required for DDNS registration)

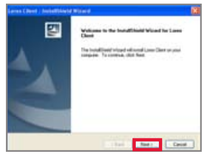
If the IP Address is 127.0.0.1 it means that you are either not connected to your local network or your system is not in DHCP detect mode.

2 Install Software:

(on your local computer for local viewing):

Insert the Lorex Client Software CD into your local computer's CD ROM.

Click Next and follow the installation screens to complete Lorex Client Software installation.



3 Lorex Client Software:

(on your local computer for local viewing):

Close the CD Menu Screen. A Lorex Client icon will appear on your desktop.

Lorex Client

SET-UP LOCAL VIEWING ON YOUR PC

LOCAL VIEWING INSTALLATION GUIDE

STEP 3 CONTINUED

Time: 30 Minutes | Hardware PC/Router | Skills - Intermediate

4 Run the Lorex Client Software:
(on your local computer for local viewing):

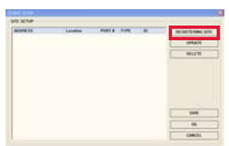
Double-click the Lorex Client software icon on your desktop to run the program.

5 Lorex Client Set-up:
(on your local computer for local viewing):

From the Lorex Client main window, click **Client Setup** in the top-left corner.

6 Register a Site:
(on your local computer for local viewing):

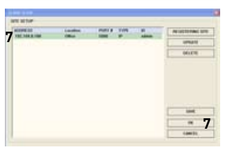
From the Client Setup window, click Register Site. A new window opens for you to input your system's network information.



7 Enter Client Setup Information:
(on your local computer for local viewing):

Under IP Setup:

1. Enter your System's IP address (recorded in Step 3 - 1)
2. Enter the Monitor TCP/IP port '5000' (by default)
3. In the Location field, enter a name for your system (i.e. Office).
4. Enter the User ID (ADMIN by default), max. 5 characters.
5. Enter the Admin Password (blank by default)
   * User ID and Password are case sensitive
6. Press **OK**
7. Select your newly added site and click **OK**



SET-UP LOCAL VIEWING ON YOUR PC

LOCAL VIEWING INSTALLATION GUIDE

STEP 3 CONTINUED

Time: 30 Minutes | Hardware PC/Router | Skills - Intermediate

8 View Cameras Locally:
(on your local computer for local viewing):

From the Lorex Client main window, click **Remote Viewer.**

On the **Remote Viewer,** at the top left corner of your screen you will see the site information. Click the **Connect** button to connect to Local Live Site to view your cameras.

*For viewing your system in your local area network (LAN)

For complete information on using the Remote Viewer, Player, and Backup functions of the Lorex Client, please refer to the Lorex Client Software Users Guide.

Congratulations!

You have completed Step 3 successfully. You can now view, playback images and remotely control your system on your local computer over the Local Area Network (LAN).

SET-UP INTERNET REMOTE SECURITY MONITORING

REMOTE VIEWING INSTALLATION GUIDE

STEP 4 CONTINUED

Time: 60 Minutes | Hardware PC/Router | Skills - Advanced

1 Port forward your router first before proceeding with the set-up

VISIT
WWW.LOREXCCTV.COM/SUPPORT
TO VIEW THE ROUTER CONFIGURATION GUIDE

You must forward Ports: 5000 (TCP/IP), 80 (WEB)
All routers are different. To port forward your router, please refer to your router's user manual.

A router configuration guide featuring the most commonly used routers in the market is available on your Lorex Client Software CD and also on www.lorexcctv.com/support in the Consumer's Guide Section.
An example of a port forwarding screen is shown for illustration purposes.

EXAMPLE

Application	Port Range Start		End	Protocol	IP Address	Enable
System	5000	to	5000	Both	192.168.1. 12	☑
System	80	to	80	Both	192.168.1. 12	☑

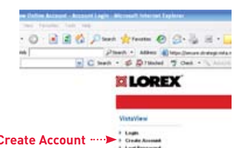
2 DDNS (Dynamic Domain Name System) Set-up:

Open your web browser (Internet Explorer by default) and enter www.lorexddns.net in the address bar.

LOREX PROVIDES A FREE DDNS SERVICE WITH THIS SYSTEM.

3 Create Account:

Click the **CREATE ACCOUNT** option.



SET-UP INTERNET REMOTE SECURITY MONITORING

REMOTE VIEWING INSTALLATION GUIDE

STEP 4 CONTINUED

Time: 60 Minutes | Hardware PC/Router | Skills - Advanced

4 Complete New Account Information:

TAKE THIS OPPORTUNITY TO REGISTER YOUR PRODUCT FOR WARRANTY AND PRODUCT UPDATES.

1. **FOR PRODUCT LICENSE** select the L19WD option from the drop down menu.
2. **FOR PRODUCT CODE** enter the Monitor's MAC address (recorded in step 3 - 1) without the dashes.
3. **FOR URL REQUEST** enter a unique URL name (e.g. tomsmith). Note: URL name should not be more than 15 characters.

5 Registration Email:

An automated **REGISTRATION CONFIRMATION EMAIL** will be sent to your email. Print and Save this confirmation. You will need this information to access your System remotely.

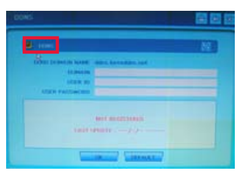
DDNS Domain Name: ddns.lorexddns.net
Domain: tomsmith.lorexddns.net
User ID: tomsmith
Password: (your password)

6 Enter DDNS Set-up on your System:
Mouse navigation (recommended)

1. Using the Mouse, click on the **Settings** icon to enter the **System Main** Menu. You will be prompted to enter the **User Name** and **Password.**
2. Click on the **Network** icon.
3. Click on **DDNS** to enter the **DDNS** Menu.

7 Enable DDNS Settings:

In the **DDNS checkbox,** put a ✓ mark to enable DDNS.



SET-UP INTERNET REMOTE SECURITY MONITORING

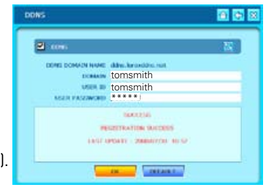
REMOTE VIEWING INSTALLATION GUIDE

STEP 4 CONTINUED

Time: 60 Minutes | Hardware PC/Router | Skills - Advanced

8 Set the DDNS Settings:

1. DDNS Domain Name is **ddns.lorexddns.net** (by default)
2. Using the Virtual Keyboard enter the **DOMAIN** sent to you in the REGISTRATION CONFIRMATION EMAIL (i.e.tomsmith.lorexddns.net).



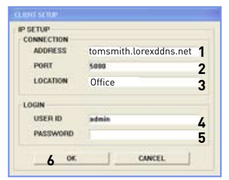
3. Enter the **User ID** sent to you in the REGISTRATION CONFIRMATION EMAIL.
4. Enter your **Password** (from the DDNS Registration Email sent to you - blank by default).
5. Click the **OK** button - a **SUCCESS** message will appear if the settings are correct.
6. Click to exit.

Repeat Steps from Step 3-2 to 3-6 to install, run, and set-up Lorex Client Software on your remote computer for remote viewing.

9 Enter Client Setup Information:
(on your remote computer for remote viewing):

Under IP Setup:

1. Enter the DDNS Domain Name from the Registration Email sent to you. (i.e tomsmith)
2. Enter TCP/IP port '5000' (by default)
3. In the Location field, enter a name for your system (i.e. Office).
4. Enter the User ID (ADMIN by default), max. 5 characters
5. Enter the Admin Password (blank by default) * User ID and Password are case sensitive
6. Press **OK**
7. Select your newly added site and click **OK**



Repeat Step from Step 3-8 to view cameras locally on your remote computer.

NOTE: The DDNS service supports Dynamic IP addresses for remote connection. When this feature is configured on the remote system, you can access it remotely using the domain name instead of IP address. To use this feature, the system must be registered on the Lorex DDNS server. Alternatively, if you have a static IP address you can enter it here. Please refer to the LOREX CLIENT Manual for network setup and configuration.

Congratulations!

You have completed Step 4 successfully. You can now view, playback images and remotely control your system on your Remote computer over the internet.